



# Schulte & Bruns

Nederland BV

52° 57'23" 5° 56'70"



## FWN ATLANTIDE

### MAIN PARTICULARS:

Flag : Netherlands   
 Port of registry : Groningen  
 Built: : 2011, Damen Shipyards  
 Type : Multipurpose geared  
 Tweendecker, strengthened for heavy cargoes, equipped for carriage of containers  
 Class : Lloyds Register  
 Ice Class : 1A Finnish-Swedish Ice Class  
 IMO Nr. : 9535620

### GENERAL DIMENSIONS:

GT/NT : 8.059 / 3.909  
 DWT summer sw : 10.870 mts  
 Draft fully laden sw : 7,40 m  
 LOA : 145,63 m  
 LPP : 138,62 m  
 Beam : 18,25 m  
 Depth moulded : 10,30 m  
 Ballast air draft : 32,40 m  
 Distance wl/hc : abt 7 m (ballast)  
 TPC : 21,50

### GEARS:

Cranes (starboard) : 2 x 80 mts, combinable  
 Outreach, capacity : 80 mt (6-14 m); 60 mt (6-19m)  
 40 mt (2,5-26 m); 32 mt (2,5-34m)

No spreader on board, lifting capacity is subject vessel's stability and depends on cargo/ballast on board.

### DECK STRENGTH:

Tanktop strength : 20 mts / sqm  
 Tweendeck strength : 3,5 mts / sqm  
 Hatchcover strength : 1,75 mts / sqm

### CONTAINER DATA:

Container intake : 663 TEU total  
 361 TEU (deck) + 302 TEU (hold)  
 Stack loads : hold - TEU 100 ts / FEU 120 ts  
 twd - TEU 25 ts / FEU 40 ts  
 deck inner - TEU 28 ts/ FEU 52 ts  
 deck outer - TEU 35 ts/ FEU 54 ts  
 (on stanchions)

Intake is always subject vessel's stability, trim, permissible weight and is subject to regulations of visibility.

### TANK CAPACITIES:

HFO : 520 cbm (incl day + settling tank)  
 MGO : 145 cbm (incl day + settling tank)  
 Fresh water : 75 cbm  
 Ballast water : 5.032 cbm

### HOLD PARTICULARS:

Grain capacity : 522.905 cbft (14.807 cbm) - w/o twd  
 : 485.260 cbft (13.731 cbm) - with twd in hold  
 Holds/hatches : 2/2; boxshaped, openhatch  
 Hold No 1 / 2 (grain) : 191.017 / 334.395 cbf (5.368/9.439 cbm)  
 Hold 1 (LxBxH) : 38,95 x 13,15 x 11,05 m  
 (29,52 m without narrowing)  
 Hold 2 (LxBxH) : 65,41 x 13,15 x 11,05 m  
 (61,20 m without narrowing)  
 Hatch 1+ 2 : 38,95 + 65,41 m x 13,15 m  
 Hatch covers : pontoon, 16 pcs  
 Moveable bulkheads : 8 bulkheads  
 Hold ventilation : 10 air changes per hour  
 Reefer plugs : 60, on deck only

### TWEENDECK:

Tweendeck : complete twd (except narrowing in hold 1)  
 Panels LxBxH : 5,45 x 13,15 x 0,66 m (20 panels)  
 Height under td/above td : 4,01 m / 6,38 m  
 5,23 m / 5,16 m

### CAPACITY AREA:

: Total 4.040 m2  
 Tanktop : 1.303 m2  
 Tweendeck : 1.352 m2  
 Deck : 1.385 m2

### MACHINERY:

Main engine : MAK 9M32C - 4.320 kW at 600 rpm  
 Auxiliary engines : Caterpillar 3412 - 3 x 382 kW  
 Shaft generator : 850 kW  
 Bow thruster : TT 1300 CP KI, 650 kW at 1740 rpm  
 Propeller : CPP